

Substitute for form 1449A/PTO
(Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/405,046
Filing Date	September 27, 1999
First Named Inventor	Meade et al.
Art Unit	1616
Examiner Name	Jones, Dameron Levest
Attorney Docket Number	A-58634-6/RFT/RMS/RMK

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JP	A1	3,919,102	11-11-1975	Kühling et al.	
	A2	5,135,737	08-04-1992	Keana	
	A3	5,428,154	06-27-1995	Gansow et al.	
	A4	5,428,156	06-27-1995	Mease et al.	
	A5	5,565,552	10-15-1996	Magda et al.	
	A6	5,624,901	04-29-1997	Raymond et al.	
	A7	5,672,334	09-30-1997	Ranney	
	A8	5,874,573	02-23-1999	Winchell et al.	
	A9	5,892,029	04-06-1999	Raymond et al.	
	A10	5,900,228	05-04-1999	Meade et al.	
	A11	5,976,493	11-02-1999	Margerum et al.	
	A12	6,054,114	04-25-2000	Lansbury, Jr. et al.	
	A13	6,120,768	09-19-2000	Griffiths et al.	
	A14	6,123,921	09-26-2002	Meade et al.	
	A15	6,409,990 B1	06-25-2002	Vera	
	A16	6,521,209 B1	02-18-2003	Meade et al.	
	A17	6,656,450 B2	12-02-2003	Hubin et al.	
	A18	6,673,333 B1	01-06-2004	Meade et al.	
	A19	6,713,045 B1	03-30-2004	Meade et al.	
	A20	6,713,046 B1	03-30-2004	Meade	
JP	A21	2002/0098153 A1	07-25-2002	Allen et al.	
	A22	2002/0197648 A1	12-26-2002	Silva et al.	
	A23	2003/0004236 A1	01-02-2003	Meade	
	A24	2003/0053954 A1	03-20-2003	Meade et al.	
	A25	2003/0135108 A1	07-17-2003	Silva et al.	
	A26	2003/0198597 A1	10-23-2003	Meade et al.	
	A27				

Classified

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JP	B1	WO 94/04485 A1	03-03-1994	Mallinckrodt Medical Inc.		
	B2	WO 95/10217 A2, A3	04-20-1995	Mallinckrodt Medical Inc.		

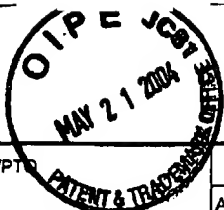
Examiner Signature	Date Considered
<i>[Signature]</i>	8/9/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

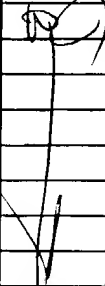
¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.






If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2



Substitute for form 1449A/PTO (Modified)			Complete if Known		
			Application Number	09/405,046	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Filing Date	September 27, 1999	
			First Named Inventor	Meade et al.	
			Art Unit	1616	
			Examiner Name	Jones, Dameron Levast	
Sheet	2	of	2	Attorney Docket Number	A-58634-6/RF

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ¹ Number ² Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
	B3	WO 95/19185 A1	07-20-1995	Mallinckrodt Medical Inc.		
	B4	WO 95/19347 A1	07-20-1995	Mallinckrodt Medical Inc.		
	B5	WO 95/20353 A1	08-03-1995	Mallinckrodt Medical Inc.		
	B6	WO 97/00245 A1	01-03-1997	Regents of University of California		
	B7	WO 97/01360 A3	01-16-1997	Concat, Ltd.		
	B8	WO 99/59640 A2, A3	11-25-1999	Bracco International B.V.		
	B9	WO 01/08712 A2, A3	02-08-2001	Epix Medical, Inc.		
	B10	WO 01/52906 A2, A3	07-26-2001	Epix Medical, Inc.		
	B11	WO 02/056670 A2	07-25-2002	The General Hospital		

Class/Sub
↓

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
	C1	COHEN, S.M. et al., "Synthesis and Relaxation Properties of Mixed Gadolinium Hydroxypyridinonate MRI Contrast Agents," Inorganic Chemistry, 2000, 39:5747-5756.			
	C2	HUBIN et al., "Ultra rigid cross-bridged tetraazamacrocycles as ligands- the challenge and the solution," Chemical Communications, 1998, 1675-1676.			
	C3	HUBIN et al., "Crystallographic Characterization of Stepwise Changes in Ligand Conformations as Their Internal Topology Changes and Two Novel Cross-Bridged Tetraazamacrocyclic Copper(II) Complexes," Inorganic Chemistry, 1999, 38:4435-4446.			
	C4	HUBIN et al., "New Iron(II) and Manganese(II) Complexes of Two Ultra-Rigid, Cross-Bridged Tetraazamacrocycles for Catalysis and Biomimicry," Journal of the American Chemical Society, 2000, 122:2515-2522.			
	C5	HUBIN et al., "Topologically Constrained Manganese(III) and Iron(III) Complexes of Two Cross-Bridged Tetraazamacrocycles," Inorganic Chemistry, 2001, 40:435-444.			
	C6	HUBIN et al., "Potentiometric Titrations and Nickel(II) Complexes of Four Topologically Constrained Tetraazamacrocycles," Supramolecular Chemistry, 2001, 13:261-276.			
	C7	WEISMAN et al., "Cross-Bridged Cyclam. Protonation and Li+ Complexation in a Diamond-Lattice Cleft," Journal of the American Chemical Society, 1990, 112:8604-8605.			
	C8	WEISMAN et al., "Synthesis and transition-metal complexes of new cross-bridged tetraamine ligands," Chemical Communications, 1996, 947-948.			
	C9	WONG et al., "Synthesis and Characterization of Cross-Bridged Cyclams and Pendant-Armed Derivatives and Structural Studies of Their Copper(II) Complexes," Journal of the American Chemical Society, 2000, 122:10561-10572.			

Examiner Signature	[Signature]	Date Considered	8/9/04
--------------------	-------------	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and selection option 2